

KEY:

- Boundary
- Existing trees
- Existing vegetation
- Existing vegetation to be removed
- Proposed tree planting
- Proposed native scrub habitat (Mix B)
- Proposed 1.5m wide native hedge with Emorsgate EH1

DRAWING NOTES

GENERAL NOTES:

- The contractor is to liaise with the main contractor to establish the position of as-built services and manhole covers prior to cultivation and excavation of planted areas and tree pits.
- If there is any conflict in the information indicated on the contract drawings, the contractor must seek clarification from all the design consultants involved.
- Native species: Use local provenance.
- All trees and planting will commence during the first planting season following completion of the building and infrastructure works (October to March inclusive).
- Grass and wildflower seeding will be implemented following completion of the building and infrastructure works subject to suitable climatic conditions.
- No planting or seeding to take place during unfavourable climatic conditions such as waterlogged ground or periods of frost.
- All trees, planting and grass areas will be subject to a 12-month Maintenance and 5 year Defects Liability Period.
- Falling plant material: All planting that fails to thrive in 5 years following Practical Completion will be replaced during the next available growing season due to failure to maintain by others, theft or damage. Replacements to be the same species and size unless otherwise agreed.

SETTING OUT NOTES:

- All tree, amenity and structure shrub planting is to be pegged/set out for approval by the Landscape Architect prior to planting.
- Tree planting in relation to manhole covers and statutory runs is to be co-ordinated with the main contractor and in accordance with statutory guidelines, for approval by the landscape architect.
- Tree positions are to be set out and staked for approval by the Landscape Architect and Engineer prior to planting.
- Planting adjacent to road kerbs and path edges along roads is to be set back 300mm from the back of kerbs to allow room for plants to establish and reduce tramping, but unplanted area to be mulched.
- Ensure that Root Barrier has been installed in the foundation trench before planting any trees on the site. Contact Engineers to determine specification and depth required.
- Planting adjacent to existing vegetation to be related to be carefully integrated with existing planting, and cultivations evenly graded into existing levels.
- Trees are to be set out to ensure a minimum of 1.5m exists between tree stations and drains/main lines, in accordance with BS5837. Otherwise, approved root barriers should be employed.

DENSITY NOTES:

- All tree, amenity and structure shrub planting to be at 7no. plants per linear metre, double staggered, unless otherwise stated in the plant schedule. Native hedge to be 1.5m wide.
- Native planting Mix B to be carried out at approximately 2no plants per m<sup>2</sup>, unless otherwise stated in the plant schedule. Feathered trees to be planted individually or in groups of 3no and evenly distributed throughout the planting area.
- Native planting to be randomly planted in groups of 5-8 no. plants of a single species and any evergreen species are to be distributed evenly throughout the planted area.

TREE AND SHRUB NOTES:

- All planting to be planted in accordance with BS 8545
- Cultivate and weed kill all areas to be planted as per Soft Landscape Specification.
- Ameliorate soil prior to planting. Water retaining polymer to be in planting pit only.
- All trees to be staked and protected with spiral guards.
- Tree planting in soft areas to be in topped tree pits as per depths noted below.
- All planting to be bark mulched to a depth of 50mm with Melcourt's 'Ornamental Spruce'.

TREE PITS NOTES:

- All trees are to be planted in tree pits and topped to the following dimensions:
  - Extra Heavy Standard trees - 1200mm x 1200mm x 900mm deep
  - Excavated material: separate topsoil and subsoil material and stockpile for backfilling.
  - Pit bottoms: Excavate with slightly raised centre. Break up base to a depth of 100 mm.
  - Treatment: Soil ameliorant worked into pit bottoms.
  - Pit sides: Scarify
  - Retain topsoil for re-use where specified.
  - In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout.
  - Backfill with clean topsoil either salvaged or imported to BS2882: 2007.
  - Soil/compost % - 80:20 on medium soils; 50:50 on sandy soil; 70:30 on clay soils; Water storing polymer may not be necessary on naturally damp soils, i.e. heavy clay.

TREE STAKES:

- Stakes: Stakes to be pressure impregnated softwood (not with creosote or tar), round or half round as specified, straight, peeled, free from projections and large or end knots, pointed at one end.
- Preservative treatment: Not required.

WILDFLOWER NOTES:

- Proposed native hedgerows to be underseeded with Emorsgate EH1 mix and extended to form a 1m wildflower buffer, adjacent to the hedgerow, where shown on the drawing.
- To be sown as per manufacturers recommendations.
- Web: www.wildseed.co.uk

STRIP OF EXISTING TOPSOIL:

- The site topsoil which is to be retained for later use shall be stripped and stockpiled.
- The following method shall be used:
  - During suitable dry weather conditions, the existing vegetation shall be treated with herbicide as directed.
  - Site to be cleared of foreign materials.
  - During suitable dry weather conditions, topsoil to be stripped down to its full natural depth, taking care to avoid contamination with subsoil or other foreign materials.
  - Excavated topsoil unsuitable to be reused as topsoil shall be stored separately and used as subsoil.

TOPSOIL STORAGE:

- Topsoil which has been stripped and stored before use in the works shall not have been stacked in heaps higher than 1.5m for more than four weeks.
- Stored topsoil shall not have become waterlogged, compacted or destructured.

IMPORTED TOPSOIL FOR ALL SOFT LANDSCAPE FINISHES:

- Provide topsoil to BS3882: 2007 as necessary to make up any deficiency of topsoil existing on site and to complete the work.

SAMPLE LOAD OF IMPORTED TOPSOIL:

- Deliver to site a sample load of not less than 5m<sup>3</sup>.
- Give notice to all CA to inspect before making further deliveries to site.
- Retain sample for comparison with subsequent loads.

DEFICIENT TOPSOIL:

- Any topsoil offered which is deficient in nutrient levels as required by BS3882:1994 but which otherwise conforms to the specification, may be acceptable providing suitable adjustments are made with the addition of organic and inorganic fertilisers to the satisfaction of the CA and entered at the landscape contractor's expense.

CONTAMINATION:

- Do not use topsoil contaminated with subsoil, rubbish or other materials that are corrosive, explosive or flammable; hazardous to human or animal life; detrimental to healthy plant growth.
- In areas to receive topsoil, do not use subsoil contaminated with the above materials.
- Give notice to CA if any evidence or symptoms of soil contamination are discovered on the site or in topsoil to be imported.

HANDLING TOPSOIL:

- Give notice of evidence of aggressive weeds and obtain instructions before moving topsoil.
- Select and use plant to minimise disturbance, trafficking and compaction.
- Do not mix topsoil with subsoil, stone, hardcore, rubbish or material from demolition work; other grades of topsoil.
- Keep handling to a minimum and use topsoil immediately after stripping.
- Handle topsoil in the driest conditions possible and do not handle during or after heavy rainfall or when it is wetter than the plastic limit.

SPREADING TOPSOIL:

- Remove temporary roads/surfaces before spreading topsoil.
- Spread in layers of 150mm depth (max) and gently firm each layer before spreading the next.

FINISHED LEVELS OF TOPSOIL AFTER SETTLEMENT:

- Above adjoining paving or kerbs: 50mm
- Below edge of adjoining buildings: Not less than 200mm
- Shrub areas: Higher than adjoining grass areas by 50mm
- Within root spread of existing trees: Unchanged
- Thickness of turf or mulch is included.

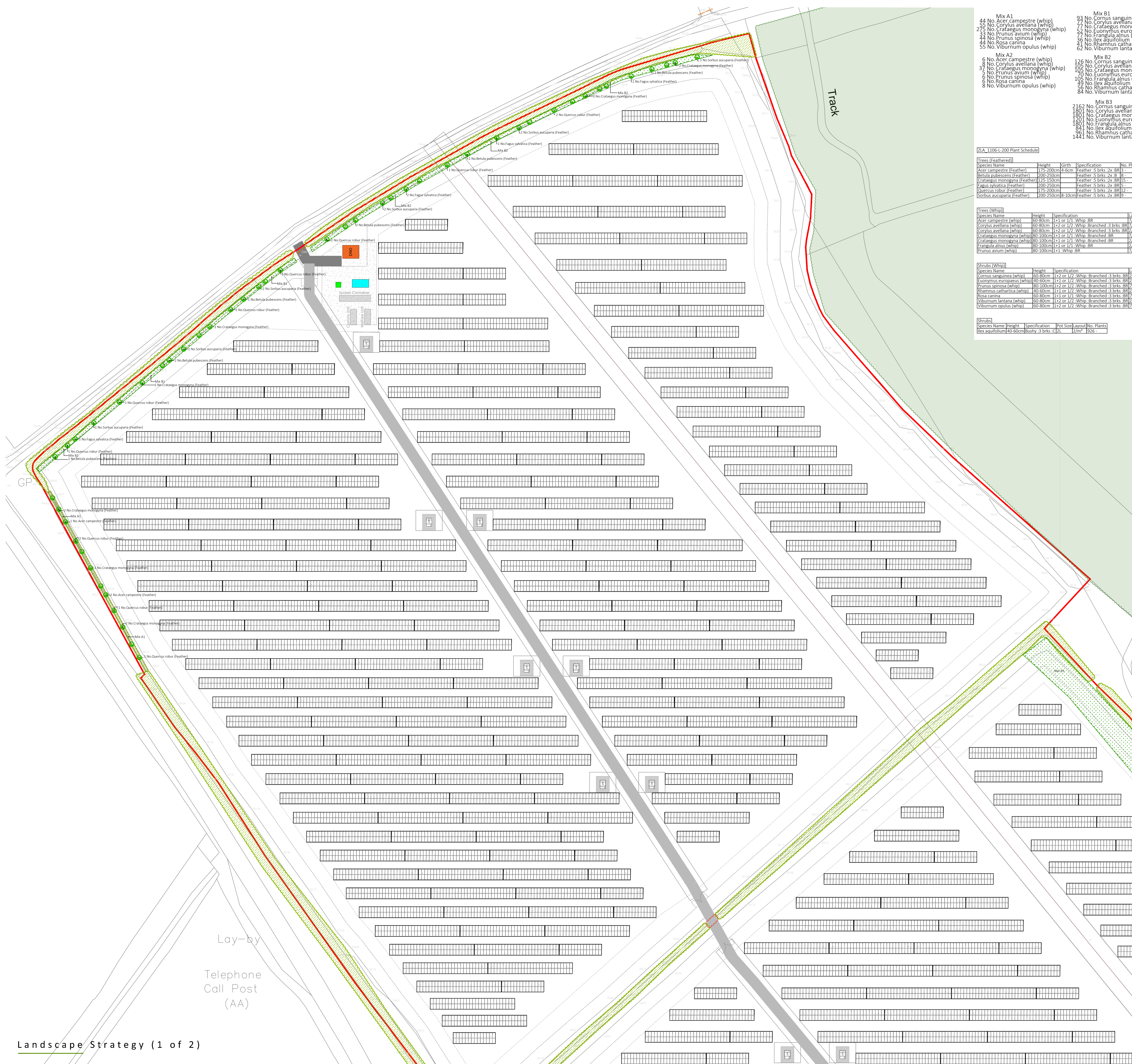
FLA 1106-L-200 Plant Schedule

Trees (Feathered)	Species Name	Height	Birth	Specification	No. Plants
	Acer campestre (Feather)	17-200cm	4-6cm	Feather 5 brks 2x BR3	150
	Betula pubescens (Feather)	200-250cm		Feather 5 brks 2x B 8	150
	Crataegus monogyna (Feather)	17-250cm		Feather 5 brks 2x BR15	150
	Fagus sylvatica (Feather)	200-250cm		Feather 5 brks 2x BR5	150
	Quercus robur (Feather)	17-200cm		Feather 5 brks 2x BR17	150
	Sorbus aucuparia (Feather)	200-250cm	8-10cm	Feather 5 brks 2x BR19	150

Trees (Whip)	Species Name	Height	Specification	Layout	No. Plants
	Acer campestre (Whip)	60-80cm	1+2 or 1/2 Whip BR	7/m	150
	Corylus avellana (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR7/m	7/m	150
	Euonymus europaeus (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR7/m	7/m	1583
	Crataegus monogyna (Whip)	80-100cm	1+2 or 1/2 Whip Branched 4 brks BR7/m	7/m	1584
	Fraxinus alnus (Whip)	80-100cm	1+2 or 1/2 Whip Branched BR	7/m	1585
	Prunus avium (Whip)	80-100cm	1+2 or 1/2 Whip BR	7/m	1586

Shrubs (Whip)	Species Name	Height	Specification	Layout	No. Plants
	Cornus sanguinea (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	2381	150
	Euonymus europaeus (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	1323	150
	Prunus spinosa (Whip)	80-100cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	109	150
	Rhamnus cathartica (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	1058	150
	Rosa canina (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	104	150
	Viburnum lantana (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	1587	150
	Viburnum opulus (Whip)	60-80cm	1+2 or 1/2 Whip Branched 3 brks BR2/m	163	150

Shrubs	Species Name	Height	Specification	Net Size	Layout	No. Plants
	Ilex aquifolium	40-60cm	Bushy	3 brks C 12	12/m <sup>2</sup>	1926



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